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27. (New) The substantially pure PAMP polypeptide of claim 26, comprising the amino acid sequence shown as SEQ ID NO: 2.

28. (New) A substantially pure PAMP polypeptide, comprising an amino acid sequence having at least 90% amino acid identity with at least 350 residues of SEQ ID NO: 2, said 350 residues comprising residues 1075 to 1382 of SEQ ID NO: 2.

29. (New) The substantially pure PAMP polypeptide of claim 28, comprising an amino acid sequence having at least 95% amino acid identity with at least 350 residues of SEQ ID NO: 2, said 350 residues comprising residues 1075 to 1382 of SEQ ID NO: 2.

## II. REMARKS

Claims 9 to 12, 21 to 23 and 25 are pending, with claims 21 to 23 and 25 withdrawn from examination as allegedly drawn to a non-elected invention. Claims 9 to 12 have been canceled herein in favor of new claims 26 to 29. Thus, claims 26 to 29 are presently under examination.

New claims 26 to 29 are supported by the specification as originally filed. In particular, new claim 26 is directed to a substantially pure PAMP polypeptide that contains the amino acid sequence shown as SEQ ID NO: 2 or an amino acid sequence having one or more conservative substitutions relative to SEQ ID NO: 2. New claim 26 is supported throughout the specification,